

ABSTRACT OF THE DISCLOSURE

A composition of material used for making hfMLCIs having a sintering temperature below 1000°. The composition comprises a major component and a minor component, said major component being a general formula: $Ba_3Co_{2-x-y}Zn_xCu_yMn_xFe_{24-z-w}O_{41}$, wherein x, z, w, = 0 - 1.0 and y = 0 - 0.8, and said minor component comprising at least one
5 compound selected from the group of Bi_2O_3 , V_2O_5 , PbO , B_2O_3 , LiF and CaF_2 . HfMLCIs made from the composition of the present invention are capable of functioning in the frequency region of 300-800 MHz.